



Form PTO-1449

(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

54821-116

SERIAL NO.

09/898,660

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Schaeffer et al.

FILING DATE

July 2, 2001

GROUP ART UNIT

~~To Be Determined~~
1745

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
Dwy	A1	3,398,024	08/20/1968	Barnes et al.	136	34	
Dwy	A2	3,556,854	01/19/1971	Wheadon et al.	136	37	
Dwy	A3	3,909,293	09/30/1975	Hammond et al.	136	36	
Dwy	A4	3,933,524	01/20/1976	Hughel et al.	136	64	
Dwy	A5	3,947,936	04/06/1976	Wheadon	29	2	
Dwy	A6	3,959,016	05/25/1976	Tsuda	136	67	
Dwy	A7	4,016,633	04/12/1977	Smith et al.	29	2	
Dwy	A8	4,151,331	04/24/1979	Hug et al.	429	94	
Dwy	A9	4,196,757	04/08/1980	Hug et al.	141	1.1	
Dwy	A10	4,221,852	09/09/1980	Qureshi	429	211	
Dwy	A11	4,303,747	12/01/1981	Bender	429	161	
Dwy	A12	4,305,187	12/15/1981	Iwamura et al.	29	2	
Dwy	A13	4,906,540	03/06/1990	Hoshihara et al.	429	242	
Dwy	A14	4,982,482	01/08/1991	Wheadon et al.	29	2	
Dwy	A15	5,543,250	08/06/1996	Yanagihara et al.	429	241	
Dwy	A16	5,582,936	12/10/1996	Mrotek et al.	429	241	
Dwy	A17	5,611,128	03/18/1997	Wirtz	29	2	
Dwy	A18	5,851,695	12/22/1998	Misra et al.	429	159	
Dwy	A19	5,858,575	01/12/1999	Chen	429	245	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
Dwy	A20	WO 99/27595	06/03/1999	PCT				

EXAMINER

Dwyer

DATE CONSIDERED

4/28/03

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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only
only

B1

Patent Abstract for JP 11-054115; Publication Date: 02/26/1999.

B2

Patent Abstract for JP 10-284085; Publication Date: 10/23/1998.

B3

PCT International Search Report for PCT/US00/18114 (international filing date 06/30/2000) date of mailing 10/09/2000.

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